

JUNEAU AREA PURSE SEINE SUMMARY, 1988

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1988 JUNEAU AREA PURSE SEINE FISHERY SUMMARY

Expectations were for a generally poor early run to inside areas such as Seymour Canal and Frederick Sound as well as Taku River. Middle runs in upper Stephens Passage were also expected to be poor although areas in 11B and 11C had good parent year escapements. Tenakee Inlet, West Admiralty, and late run streams in Seymour were expected to produce some harvest. No pink salmon harvest was expected in District 14. Expectations from the 1984 brood year chums were not high due to poor returns of pinks from that same year in 1986.

Many chums began showing in late June in Tenakee Inlet and Port Frederick as well as in the Icy Strait experimental troll fishery near Inian Islands. A 15 hour opening on July 3 opened the purse seine season. Many chum schools and continuous jumping was seen on June 27 around 10 Mile Rock in Tenakee Inlet. Tenakee Inlet was open from the outer markers at East Point to South Passage Point to a line across the inlet outside Seal Bay. As expected fishing success for the 31 boats in Tenakee was good with an average of 2000 fish, mostly chums. The same area was open again on July 10 since good build ups of pinks and chums were being seen in Goose, Seal, and Long Bays. A considerable increase in effort with 76 boats occurred during this opening. Boats averaged 1300 fish for the day with 75% pinks. Fishing was continued on July 14 for 15 hours in Tenakee but the Inlet was closed above Corner Bay Point due to the poor catches of the last opening and the lack of additional escapement builds. Fishing success was again poor and no further fishing occurred in Tenakee until later in the season. Early run areas in the upper bay had excellent escapements of both pinks and chums. Kadashan weir enumerated 197,000 pinks and 52,000 chums. Later runs in Tenakee such as Corner Bay, Indian River, Crab Bay, and Trap Bay streams also experienced excellent escapements.

Although Port Frederick was not showing chums as well as Tenakee, it appeared adequate for some harvest. The 15 hour opening in Port Frederick from Point Sophia to Grassy Rocks produced an average of 1000 fish, 85% chums for the 16 boats present. Chum build ups after the opening looked good around Neka Bay but poor in the outer bay off Game and Gartina Creeks. Fishing was moved out of the bay to the entrance between Inner and Outer Point Sophia. Fishing continued for four more 15 hour periods on July 10, 14, 17, and 24. Catches were predominately chum until July 17 when pinks composed over 50% of the harvest. When pink catches reached 75% on July 24 the fishery was not reopened since local pink stocks were doing very poorly. Chum escapements in all Port Frederick chum streams were excellent, although pink escapements were very poor. Other streams in District 14, Icy Strait, as Althorp, Idaho, and Mud Bays had extremely poor pink salmon escapements. A good escapement of chums was observed in Idaho Inlet.

The West Admiralty shoreline was also opened on July 3 in the Chaik Bay area south of the latitude of Distant Point. Summer chum returns to this system have been very good in recent years and with the abundances of chums elsewhere, fishing was conducted here without seeing much in the area. Five boats fished this West Admiralty area with an average of 600 fish per boat, mostly chum. Another 15 hour opening was not held in this area until July 24 when indications of a chum surplus was evident. Five boats averaged 1300

fish with 60% pinks. Chum escapements along West Admiralty chum streams were only fair, below desired levels.

No fishing occurred in northern Chatham Strait until August 7 when a short 15 hour opening was allowed along the Admiralty Island shore between Point Marsden and Point Hepburn to assess middle run strength. With only 13 boats, fishing success was fairly good with 2400 fish per boat. Another 15 hour period was allowed on August 10 but effort and success was lower than the previous opening. Since pink salmon escapements showed no improving trends in the West Admiralty, Stephens Passage, or lower Lynn Canal streams, no further fishing was allowed in northern Chatham Straits. Final pink salmon escapements in those areas were fair to good but definitely below desired escapement goals.

Good strength in later pink returns in Tenakee Inlet and lower Baranof Island shoreline prompted a fishery at the entrance of Tenakee Inlet and down the west shore of Chatham Strait to Hoggat Point on August 14 and 18. Effort on the 14th was heavy with 103 boats in the Juneau portion of Chatham Straits and a total of 201 boats in the entire area. Fishing was poor on the 14th with an average of 1600 fish per boat mostly pinks and continued to decline the next week. The 15 hour openings on August 28 and September 1 did not include the Tenakee Inlet entrance since Tenakee stocks appeared to be well into their spawning streams. The fishery during these last openings occurred south of South Passage Point along the west shore to the latitude of Point Gardner. Effort and success dropped steadily and it was apparent on September 1 that few pinks were still entering the area. Pink salmon escapement in this area were generally excellent such as White Rock and above Basket Bay.

Fall chum fishing began on August 21 at Excursion Inlet. A good showing of chums was seen both inside and outside the cannery. The fishery was limited to 12 hours outside the cannery. Additionally an area along the Homeshore was opened from Excursion Inlet to the latitude of the Southern Porpoise Islands for a limited 2 hour fishery to harvest surplus pink salmon destined for Homeshore area streams. All 18 boats present fished the Homeshore area first with good catches, then fished Excursion Inlet for the remainder of the period. The days catch averaged 2700 pinks and 800 chums per boat. Catches of sockeye and coho were small with a daily total of only 1100 and 1400 fish respectively. Chum build ups inside Excursion Inlet were slow to develop and no further fishing occurred until September 12, when another 12 hour opening was allowed outside the cannery to Excursion Point. The 58 boats present in this small area averaged 400 chums each with a total days catch of 23,000 chums. No further fishing occurred at Excursion Inlet since escapements nor build ups in the upper bay indicated a harvestable surplus. Overall escapement in Excursion River was below desired levels although the upper sloughs had good densities. Chum returns to Chaik and Hood Bays were poor with no harvestable numbers present. Escapements in Chaik and Hood were below desired levels as well.

1988 Juneau Seine Summary (Tender Rpts. Expansion)

Date	Hours	Area Open	King	Red	Coho	Pink	Chum	Boat	Average Fish/Boat
July 3	15	14-B S. of lat of Crist Pt. Port Frederick open to Grassy Rock.	0	55	42	1,696	13,328	16	945
		TNK - W. of East Pt. to S. Passage Pt. and east of 135°27'35" W. Long.	0	34	34	17,304	35,957	31	1,720
		West Admiralty Is. shore S. of lat. of Distant Pt. and N. of Rocky Pt.				100	3,000	5	620
July 10	15	14-B S. of Crist Pt. Port Frederick normal markers Inner Pt. Sophia			24	3,800	5,000	10	880
		TNK-same area	20	70	-	72,000	26,000	76	1,290
July 14	15	14-B S. of Crist Pt. Normal markers				3,400	8,000	14	814
		TNK - W. of East Pt. to S. Passage. TNK normal markers at Corner Bay Pt.		349	50	58,000	13,000	47	1,500
July 17	15	14-B S. of Crist Pt. Normal markers				4,800	2,600	14	528
July 24	15	14-B S. of Crist Pt. Normal markers				9,000	3,200	11	1,100
		West Admiralty shore, S. of lat. of Distant Pt. and N. of lat. of Rocky Pt.				4,000	2,500	5	1,300
Aug 7	15	West Admiralty shore, S. of lat. of Pt. Marsden and N. of lat. of Pt. Hepburn.		220	445	28,670	1,759	13	2,392

--Continued--

Date	Hours	Area Open	King	Red	Coho	Pink	Chum	Boat	Average Fish/Boat
Aug 10	15	Same area as Aug 7		43	544	13,016	761	8	1,796
Aug 14	15	District 12 open within one mile of the Chichagof & Baranof Is. shore, S. of lat. of East Pt. and N. of lat. of Hoggat Pt. Juneau Area Catch						103 Jnu Area (201) Total	
				618	2,678	164,285	3,090	103	1,657
Aug 18	15	Same area as 8/14		20	200	11,000	200	10	1,100
Aug 21	12	Excursion Inlet north of lat. of 58°22'30" N. Excursion Pt. and south of lat. of Excursion Dock at 58°25' N. lat.	}	1,100	1,500	46,000	16,500	18	
	2	Section 14-C within 1 mile of eastern shore south of lat. of Excursion Pt. and north of lat. of S. Porpoise Is. 58°19' N.							
Aug 28	15	S. of S. Passage Pt. light in District 12 only within 2 miles of Chichagof Is. shore.		20	1,400	17,000	400	11	1,700
Sept 1	15	Same area as 8/28		20	1,400	5,000	500	7	980
Sept 12	12	Excursion Inlet N. of lat. of Excursion Pt. and S. of lat. of Dock at 58°25' N. lat.		10	300	1,000	23,000	64	380

FISHING TIME Year 1988

Regulatory Area Juneau

Gear Purse Seine

District & Section 112

Fishing time shown in hours:

Statistical Week Remarks:

28 District 12 open in the following areas from 6:00 a.m. through 9:00 p.m. July 3:

Tenakee Inlet open west of a line from East Pt. to South Passage Pt. and east of 135°27'35" W. Long.

Kadashan, Corner, and Crab Bays closed south of the lat. of Corner Bay Pt.

Saltery Bay closed south of a line from a point at 57°47'20" N., 135°22'15" W. to a point at 57°46'30" N., 135°21'30" W.

Admiralty Is. shore open within two nautical miles of the shore south of the latitude of Distant Pt. and north of the latitude of Rocky Pt. All waters of Hood Bay closed.

29 District 12 open in Tenakee Inlet in same area as July 3 from 6:00 a.m. through 9:00 p.m. July 10.

Tenakee Inlet open only inside of a line from East Pt. to South Passage Pt. from 6:00 a.m. through 9:00 p.m. July 14. Tenakee Inlet closed west of a longitude of Corner Bay Pt. (normal markers)

	WK	July	WK		WK		WK
1							
2							
3	28	15					
4							
5							
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10	29	15					
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FISHING TIME Year 1988

Regulatory Area Juneau

Gear Purse Seine

District & Section 112

Fishing time shown in hours:

Statistical Week Remarks:

- 31 District 12 open only along the Admiralty Is. shoreline within one nautical mile south of the latitude of Danger Pt. and north of the latitude of Rocky Pt. from 6:00 a.m. through 9:00 p.m. July 24.
- 33 District 12 open only along the Admiralty Is. shoreline within one nautical mile south of the latitude of Pt. Marsden and north of the latitude of Pt. Hepburn from 6:00 a.m. through 9:00 p.m. August 7.
- Same time and area open on August 10.
- 36 District 12 open only along the Chichagof and Baranof Is. shores within one nautical mile of the shore south of the latitude of South Passage Pt. from 6:00 a.m. through 9:00 p.m. August 28. All waters Tenakee Inlet closed.
- Same time and area open on September 1.

	WK	July	WK	Aug.	WK	Sept.	WK
1						15	
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6							
7			33	15			
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10				15			
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24	31	15					
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26							
27							
28			36	15			
29							
30							
31							

FISHING TIME Year 1938

Regulatory Area Juneau

Gear Purse Seine

District & Section 114

Fishing time shown in hours:

Statistical
Week

Remarks:

- 28 Section 14B open only south of the latitude of Crist Pt. Port Frederick closed south of the latitude of Grassy Rock at 58°02'50" N. latitude.
- 29 Section 14B open only south of the latitude of Crist Pt. Port Frederick closed south of a line from Inner Pt. Sophia to Halibut Is. (normal markers) area open 6:00 a.m. through 9:00 p.m. 7/10 and 7/14.
- 30 Same area open as prior week.
- 31 Same area open as prior week.
- 35 Section 14C open only in Excursion Inlet north of the latitude of Excursion Pt. at 58°22'30" N. lat. and south of the Excursion Inlet Cannery Dock at 58°25'00" N. lat. from 7:00 a.m. through 7:00 p.m. August 21.
- Section 14C also open within one nautical mile of the eastern shore south of 58°22'30" N. lat. and north of 58°19'00" N. lat (southernmost tip of Porpoise Islands) from 7:00 a.m. through 9:00 a.m. August 21.
- 38 Section 14C same area open from Excursion Pt. to Cannery Dock from 7:00 a.m. through 7:00 p.m. September 12.

	WK	July	WK	Aug.	WK	Sept.	WK	Oct.
1								
2								
3	28	15						
4								
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10	29	15						
11				38	12			
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